

PRESS RELEASE

## **SOLID WORLD GROUP BRINGS TO ITALY THE FIRST 3D PRINTER TO USE SAWDUST**

*The Desktop Metal Shop System Forust Edition is a 3D printer capable of creating components and design objects using waste material from wood processing, in a process of circularity. It will be provided to Trentino Sviluppo S.p.A. for research and innovation work.*

Treviso, May 25, 2023 – **Solid World Group S.p.A.** (ticker S3D), parent of a leading digital technologies, 3D printing and additive manufacturing Group, announces that it has begun distribution in Italy of the first **3D printer that uses sawdust as an additive material**. SolidManufacturing, a Group business unit based in Bentivoglio (BO), will oversee distribution.

The 3D printer model is the “Shop System Forust Edition” from the US company Desktop Metal, the first in the world capable of using sawdust. Using a combination of two wood industry by-products, namely lignin and sawdust, **the machine can produce isotropic and sustainable wooden parts from waste materials deriving from trees used, for example, in house construction and furnishing components**. Among the most significant areas of use is the **automotive industry**, where the 3D printer can be used to make wooden parts for car interiors. The printer also allows objects or components to be produced for **consumer sectors, interior design, furniture and musical instruments**. Print management and design is digitized using Desktop Metal’s “Shop System Forust Edition”: **Solid World Group’s proprietary software allows both the design of parts to be printed and management of the additive manufacturing process**, meaning the user is free to create the part and manufacture it according to their needs.

The first company in Italy to use this innovative printer is Trentino Sviluppo SPA, a company in the Autonomous Province of Trento that provides business support, innovation and territorial marketing. It will be used at the laboratories of ProM Facility, the prototype development center at the Rovereto Mechatronics Hub, for industrial research and innovation activities and for prototyping components using this innovative technology. The printer is in the process of being installed and will be operational by early summer.

**SolidWorld Group Chairperson Roberto Rizzo:** *"We have brought a highly innovative and unprecedented technology to Italy, one that is capable of making objects and components from wood processing waste material. It is a technology that therefore seeks to add value to a product that would otherwise be wasted, with a view to making production processes more sustainable. 3D printing technology can make a concrete contribution to improving Italian industry from the perspective of the circular economy."*

\*\*\*

*SolidWorld Group S.p.A. is the parent of a group of 11 companies founded in the early 2000s by engineer Roberto Rizzo. Listed on the Euronext Growth Milan segment, the Group is a leading developer and integrator of the latest and most comprehensive digital 3D software and hardware for manufacturing companies, supporting and accelerating their journey to Industry 4.0. Thanks to SolidWorld, all stages of production - as far as sale and recycling - are integrated using technologies that make the production process faster and more sustainable and efficient. It operates through 14 offices and 3 technology hubs and has over 150 employees and more than 8,000 client enterprises. The SolidWorld Group reported revenues of Euro 57.7 million in 2022,*

with a value of production of Euro 60.8 million and EBITDA of Euro 4.1 million. The company has been listed on the Euronext Growth Milan segment of Borsa Italiana since July 6, 2022 (with ticker S3D). [www.solidworld.it](http://www.solidworld.it)

**Trentino Sviluppo SPA** is a company in the Autonomous Province of Trento that provides business support, innovation and territorial marketing, boosting innovation and sustainable development in Trentino. TS offers high value-added technology services to local businesses, fostering industrial research, growth in skilled employment, strengthening of local communities and dialogue between various public and private stakeholders. Among the first entities in Europe to believe in Business Innovation Centers (BICs), it now manages six in the Trentino region, hosting a total of 110 companies and employing 750 people. One of these BICs - the Mechatronics Cluster - is in Rovereto: it houses more than 40 companies in an area of more than 10,000 square meters. The Mechatronics Cluster hosts ProM Facility, a center of excellence for the development and prototyping of mechatronic systems and innovative products, which has a particular focus on additive manufacturing and rapid prototyping technologies. [www.trentinosviluppo.it](http://www.trentinosviluppo.it) | [www.promfacility.eu](http://www.promfacility.eu)

**CONTACTS:**

**Corporate Media Relations TWIN Srl**

Daniele Quarello

T: +39 347 928 2119

Email: [daniele@twin.services](mailto:daniele@twin.services)

Chiara Bortolato

T: +39 347 853 3894

Email: [chiara@twin.services](mailto:chiara@twin.services)